



Shenzhen CTL Testing Technology Co., Ltd.

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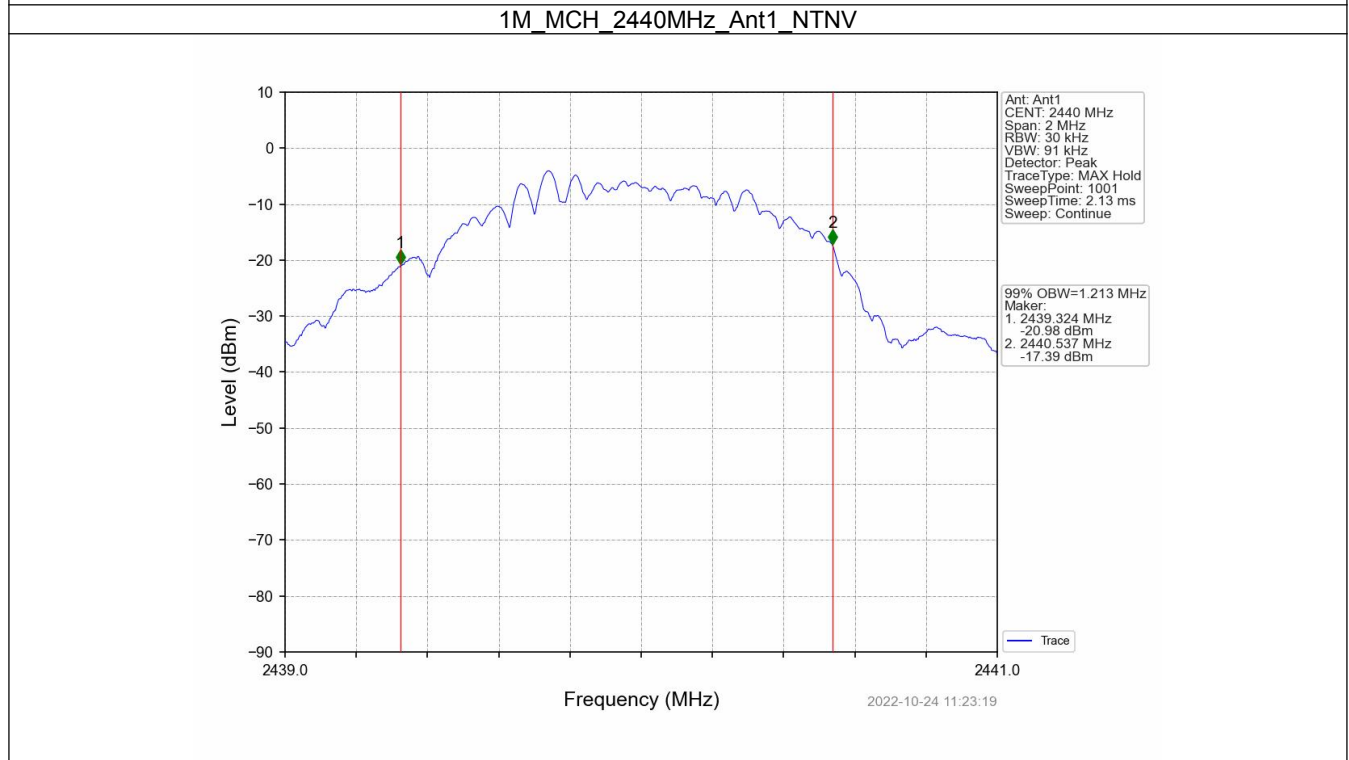
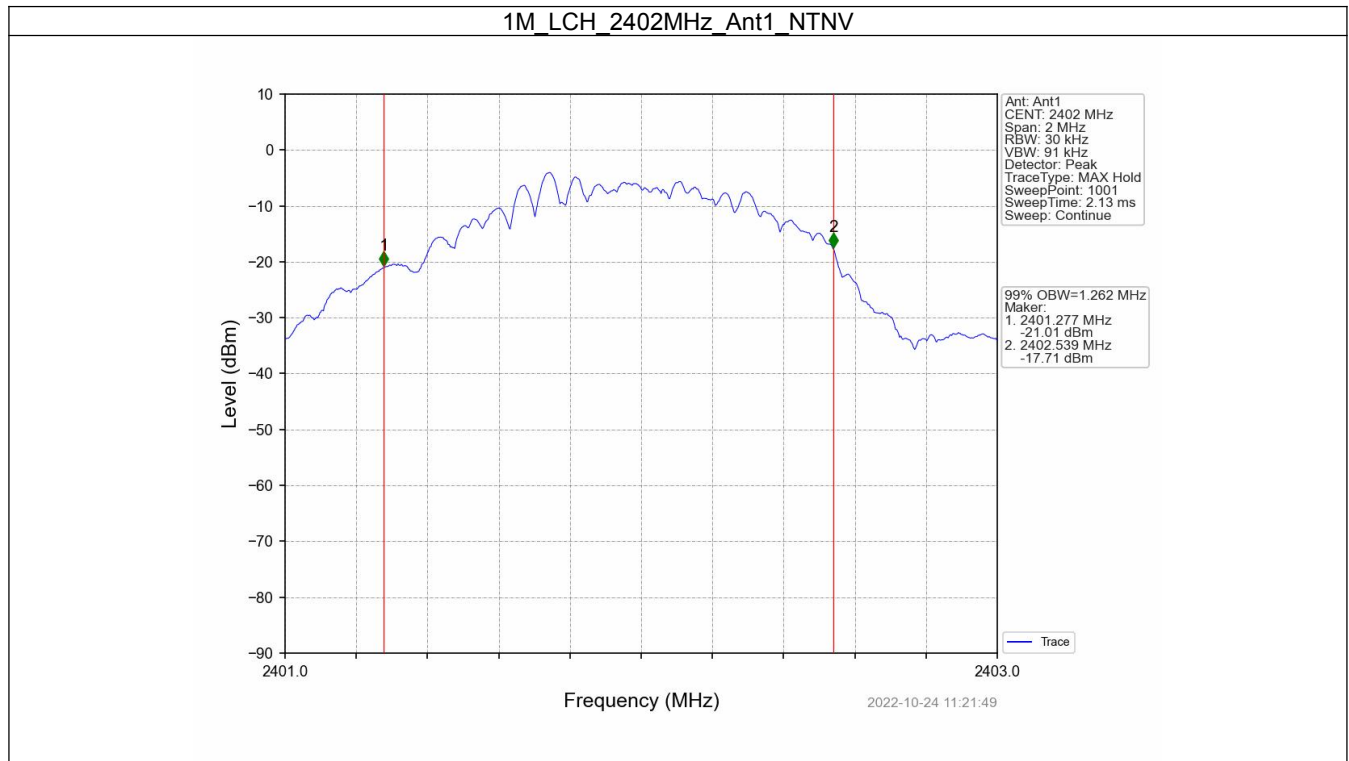
## 1. Bandwidth

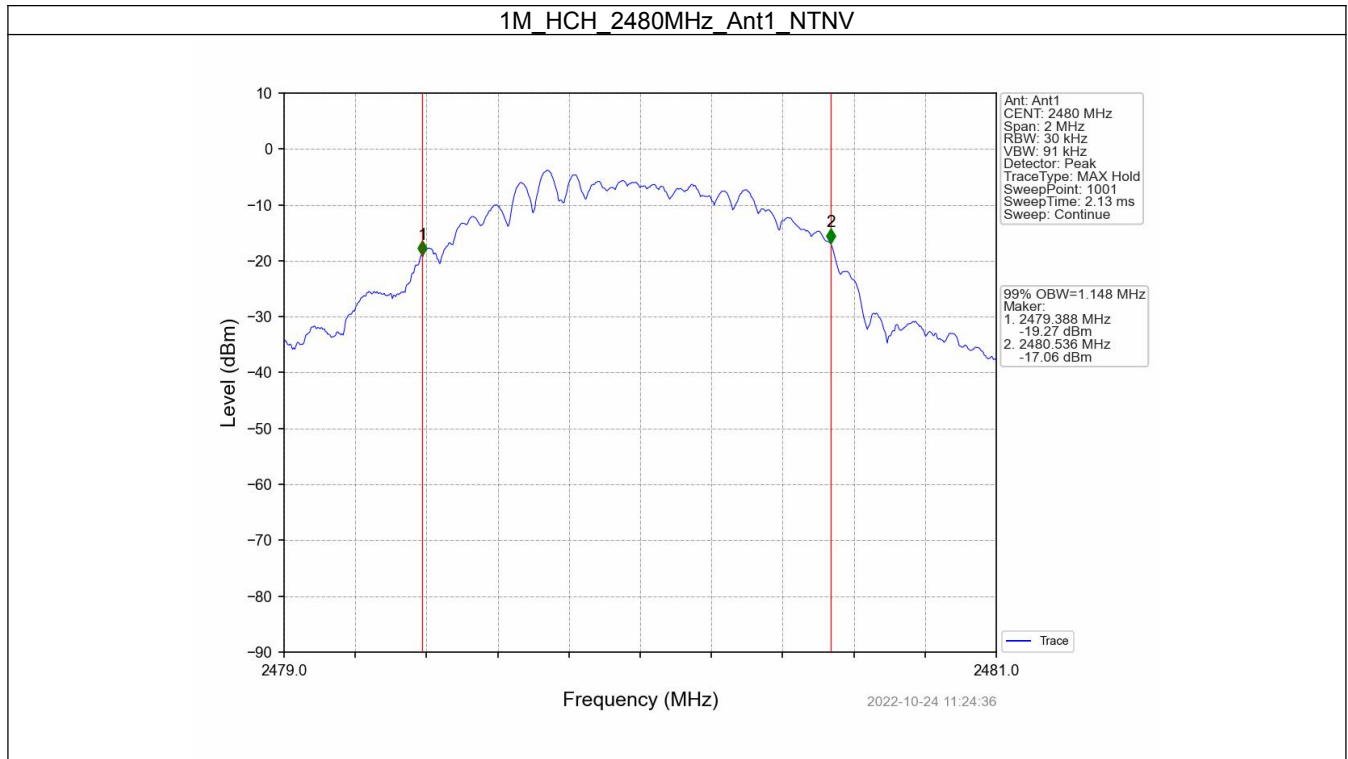
### 1.1 OBW

#### 1.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|------|---------|-----------------|-----|------------------------------|---------|
|      |         |                 |     | Result                       |         |
| 1M   | SISO    | 2402            | 1   | 1.262                        | Pass    |
|      |         | 2440            | 1   | 1.213                        | Pass    |
|      |         | 2480            | 1   | 1.148                        | Pass    |

1.1.2 Test Graph



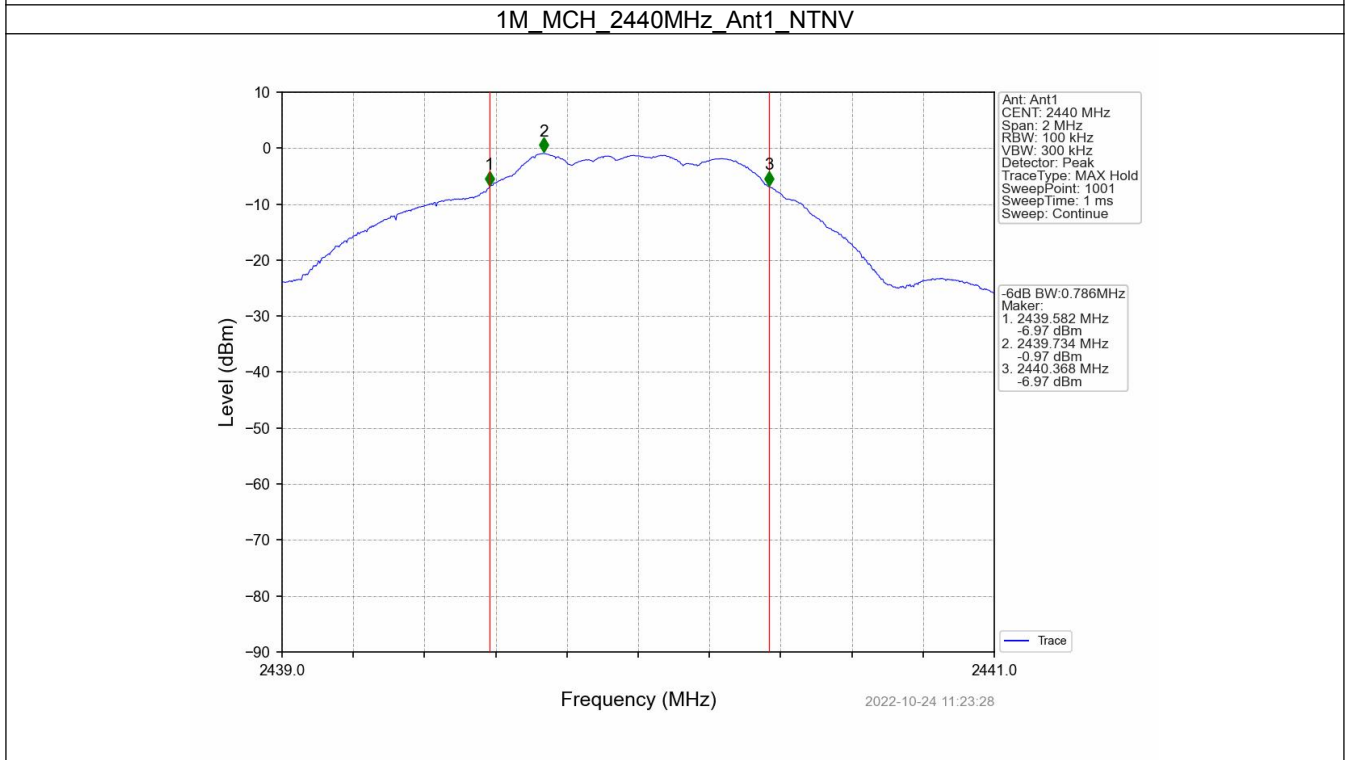
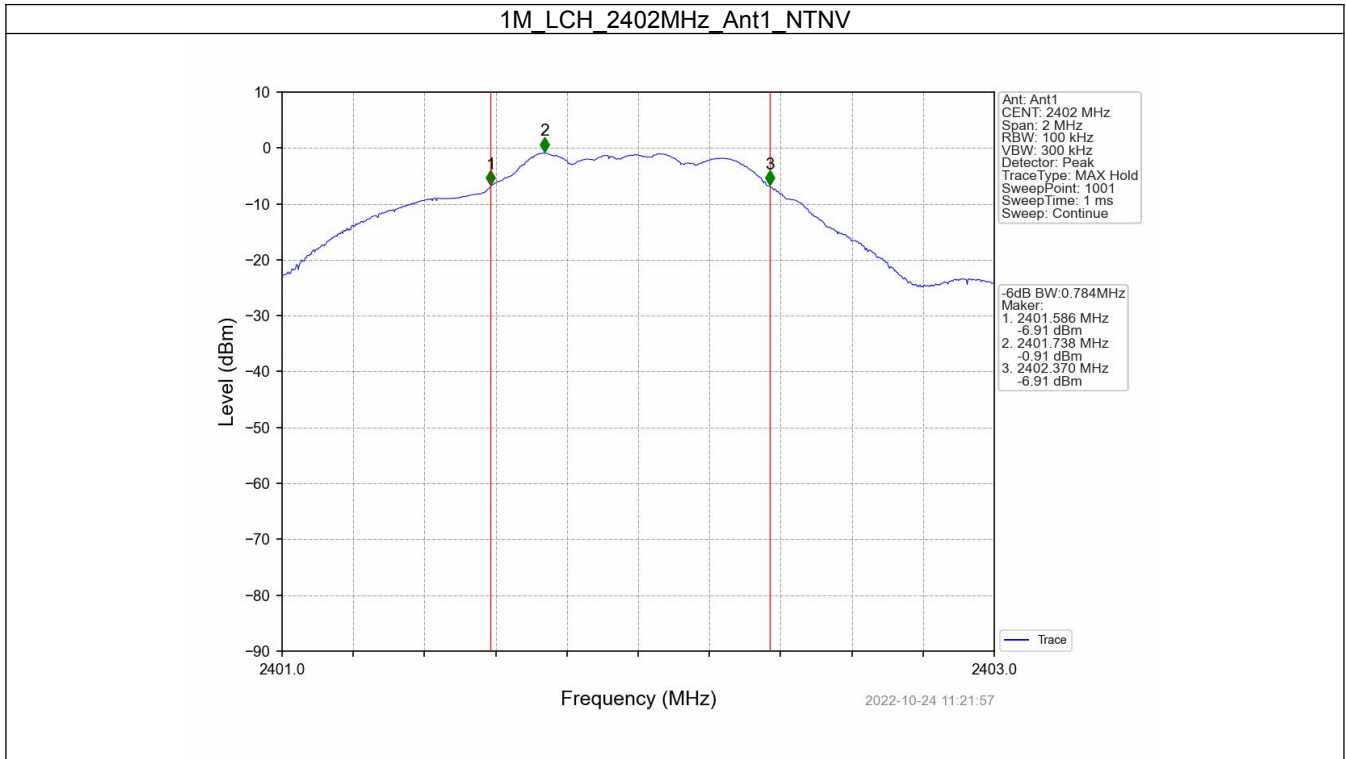


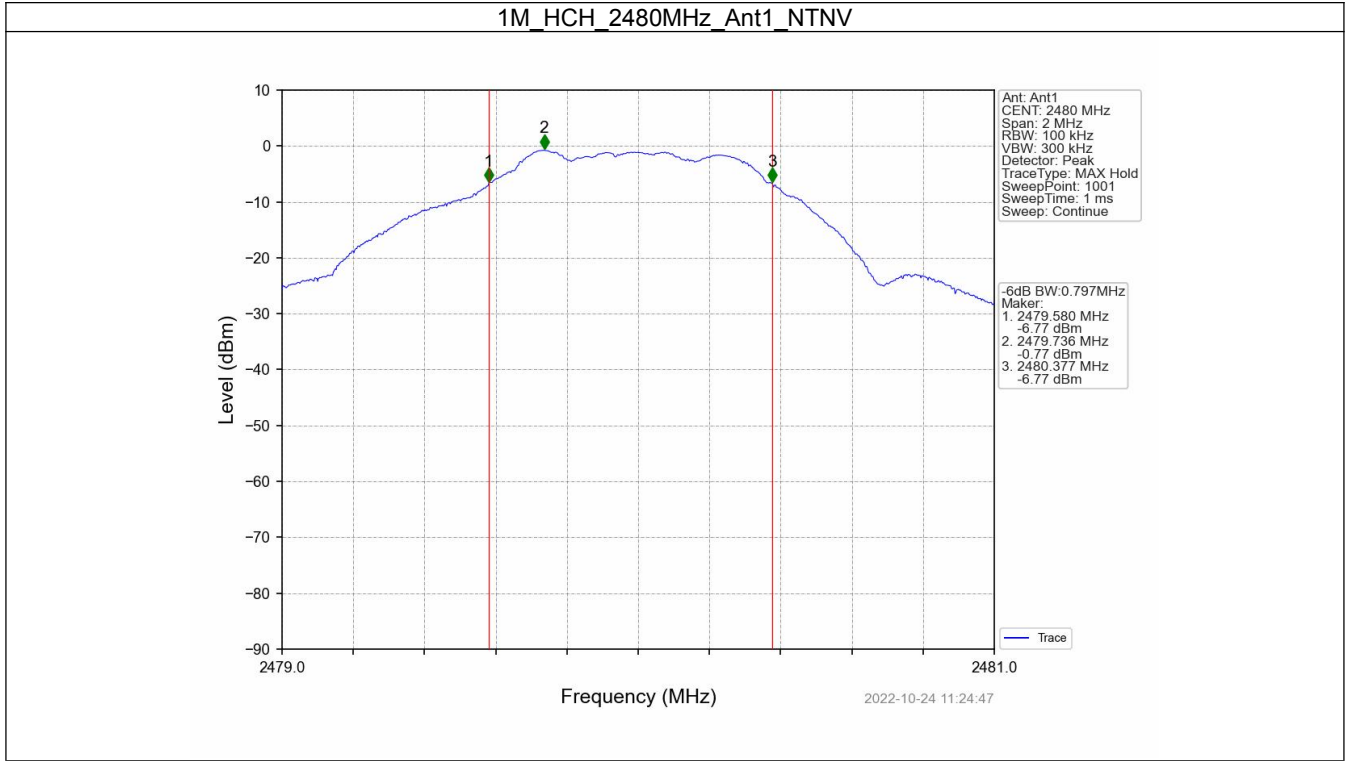
## 1.2 6dB BW

## 1.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------|---------|-----------------|-----|---------------------|------------|---------|
|      |         |                 |     | Result              | Limit      |         |
| 1M   | SISO    | 2402            | 1   | 0.784               | $\geq 0.5$ | Pass    |
|      |         | 2440            | 1   | 0.786               | $\geq 0.5$ | Pass    |
|      |         | 2480            | 1   | 0.797               | $\geq 0.5$ | Pass    |

1.2.2 Test Graph





## 2. Maximum Conducted Output Power

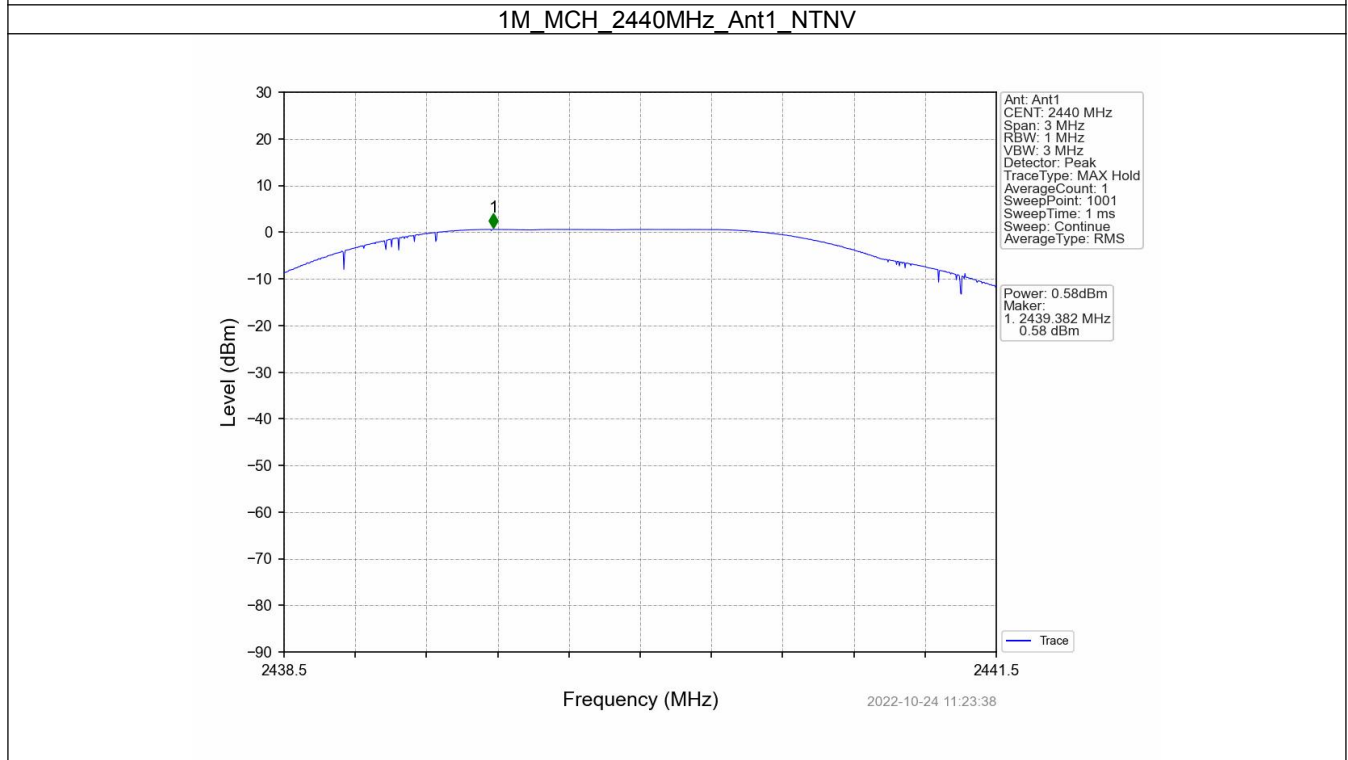
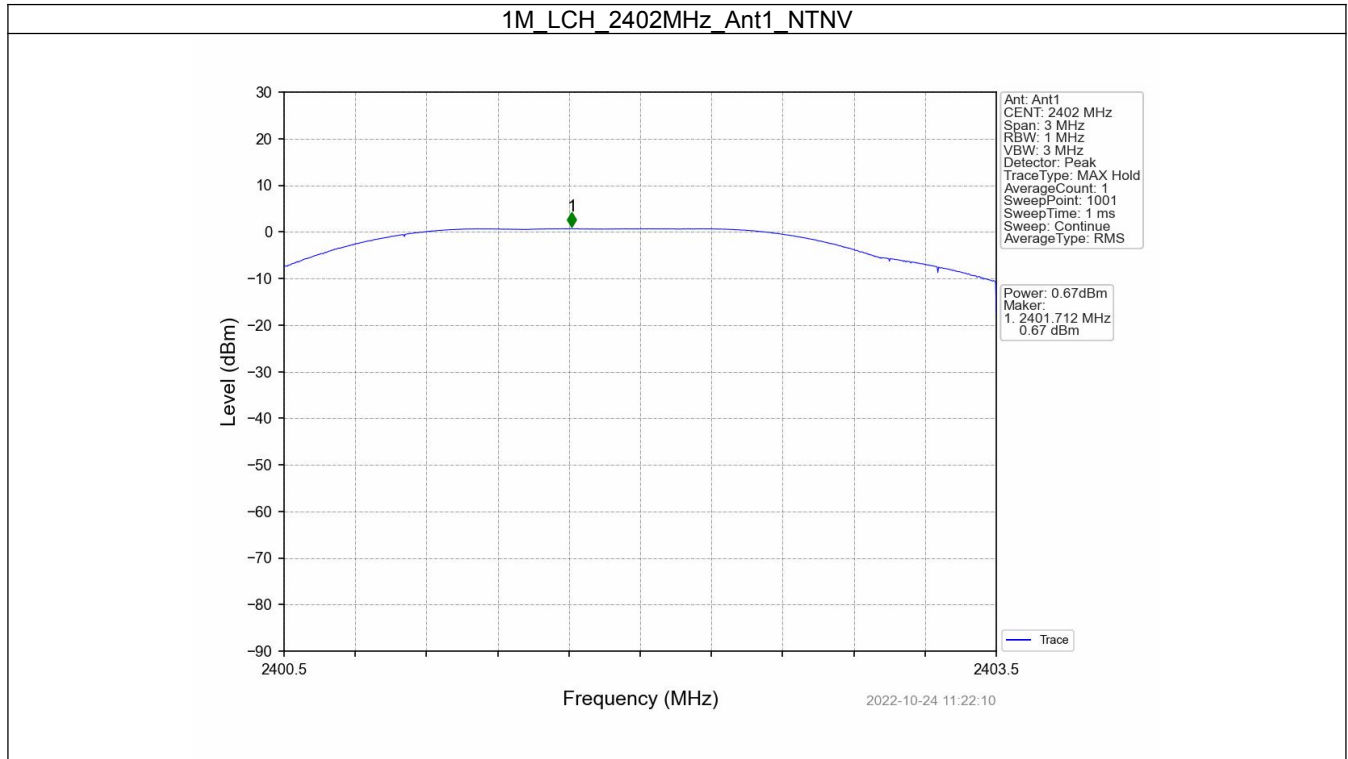
### 2.1 Power

#### 2.1.1 Test Result

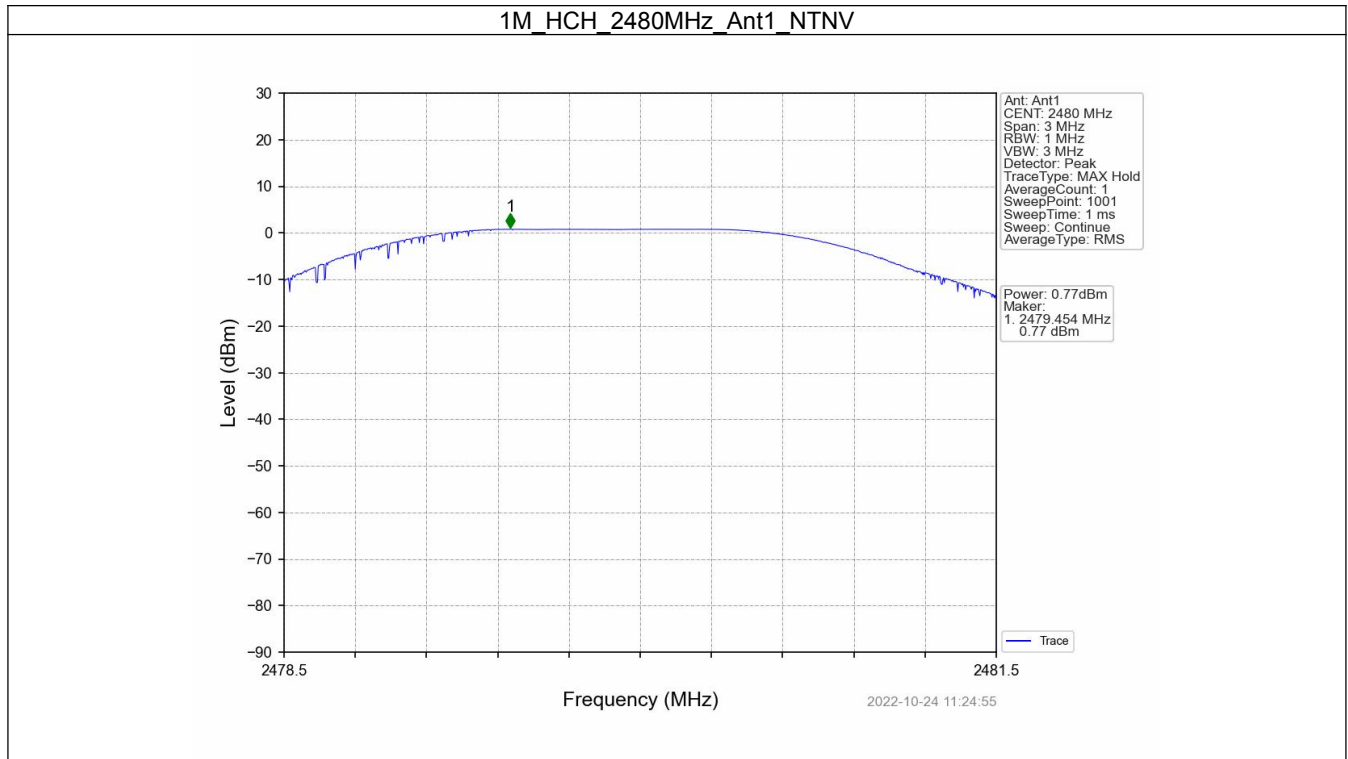
| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) |       | Verdict |
|------|---------|-----------------|---|-------|---------|
|      |         |                 | ANT1                                      | Limit |         |
| 1M   | SISO    | 2402            | 0.67                                      | <=30  | Pass    |
|      |         | 2440            | 0.58                                      | <=30  | Pass    |
|      |         | 2480            | 0.77                                      | <=30  | Pass    |

Note1: Antenna Gain: Ant1: 0.00dBi;

2.1.2 Test Graph







### 3. Maximum Power Spectral Density

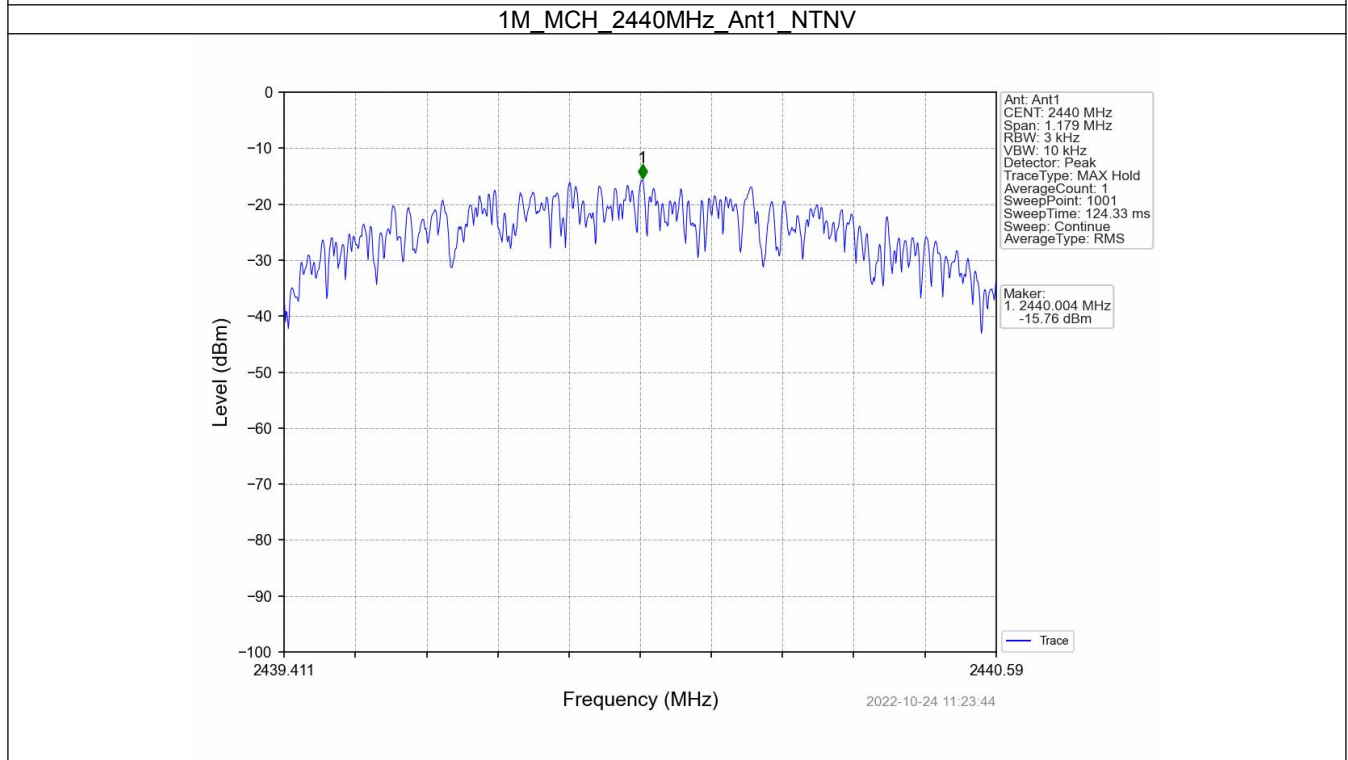
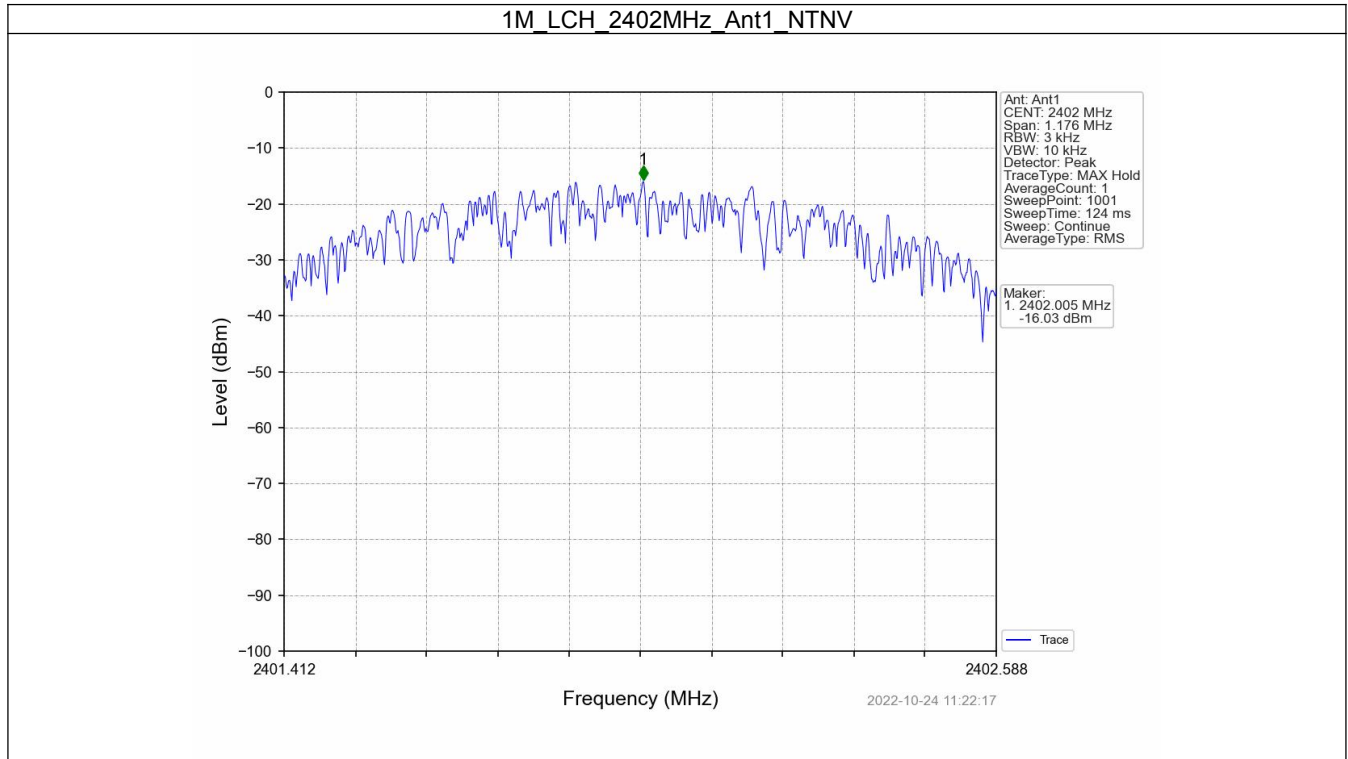
#### 3.1 PSD

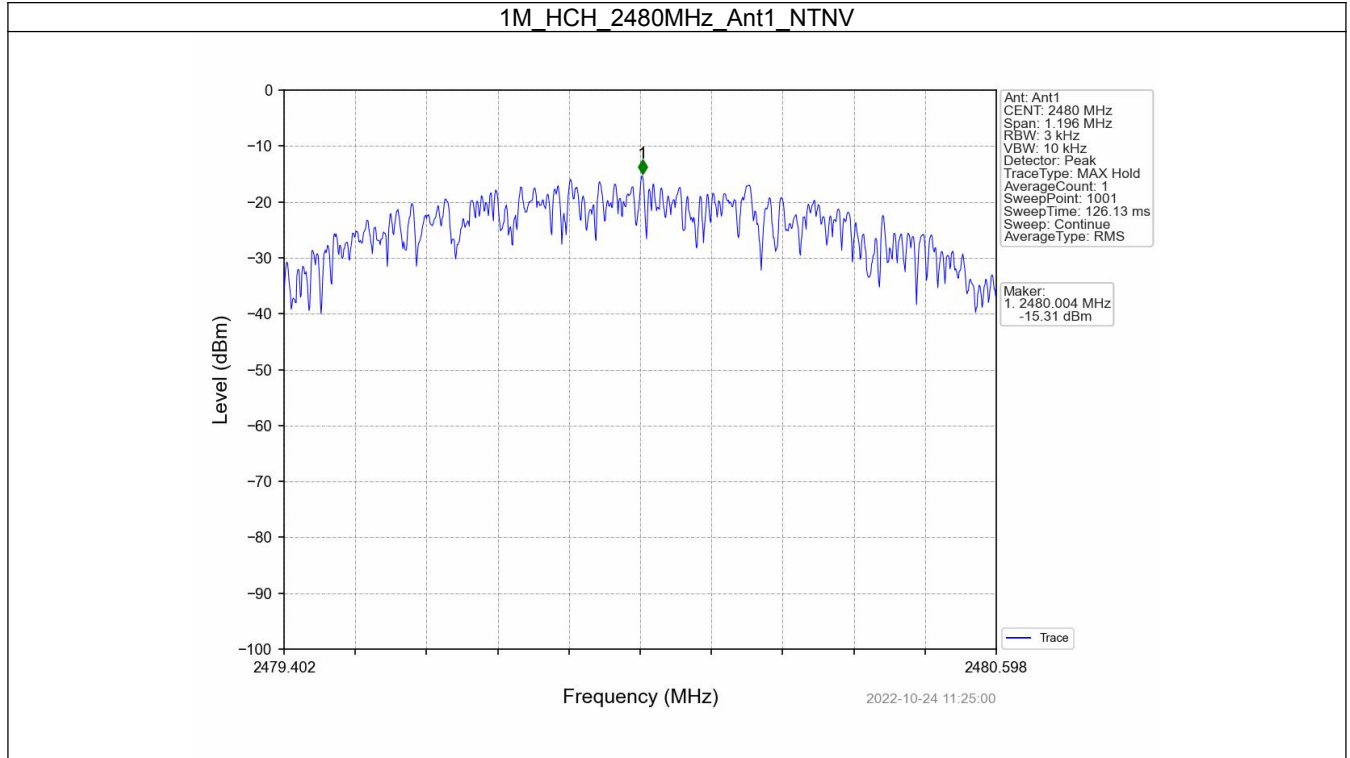
##### 3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) |       | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
|      |         |                 | ANT1                   | Limit |         |
| 1M   | SISO    | 2402            | -16.03                 | <=8   | Pass    |
|      |         | 2440            | -15.76                 | <=8   | Pass    |
|      |         | 2480            | -15.31                 | <=8   | Pass    |

Note1: Antenna Gain: Ant1: 0.00dBi;

3.1.2 Test Graph





## 4. Unwanted Emissions In Non-restricted Frequency Bands

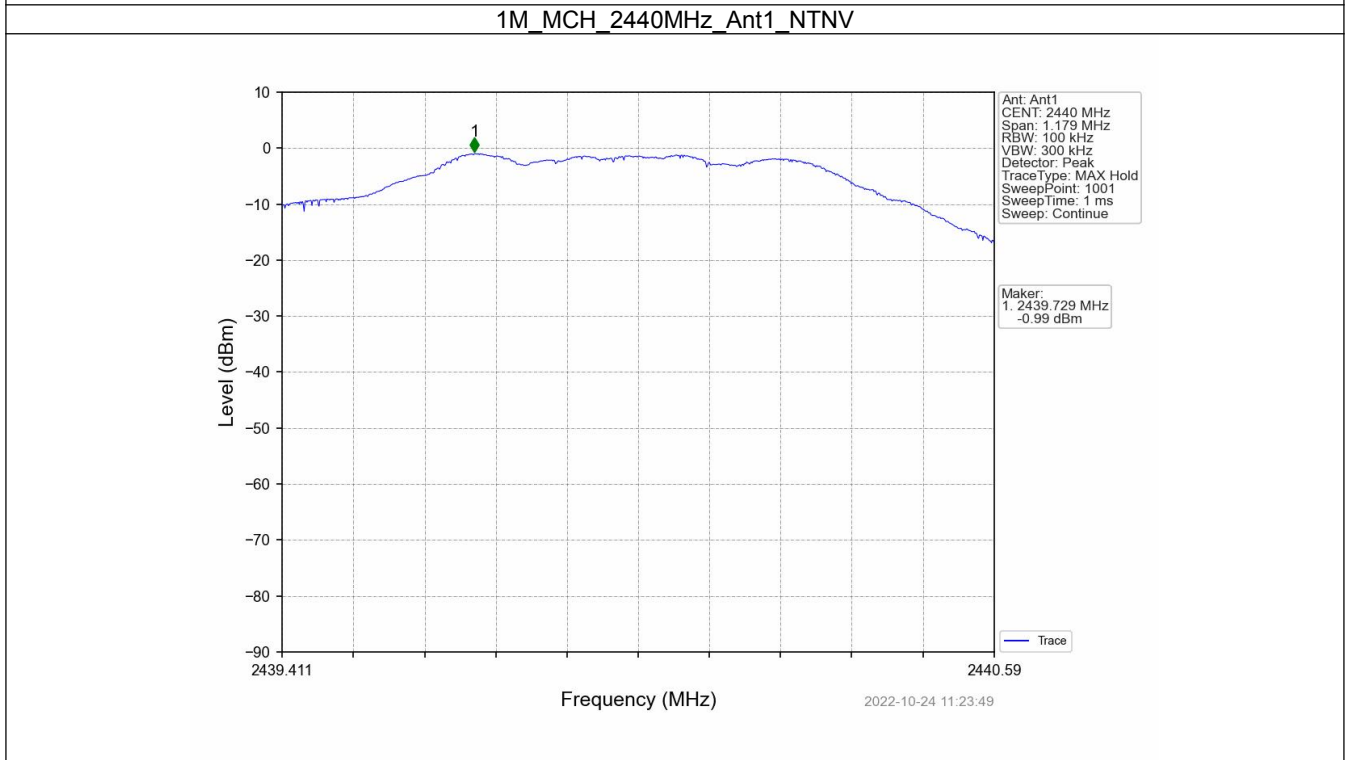
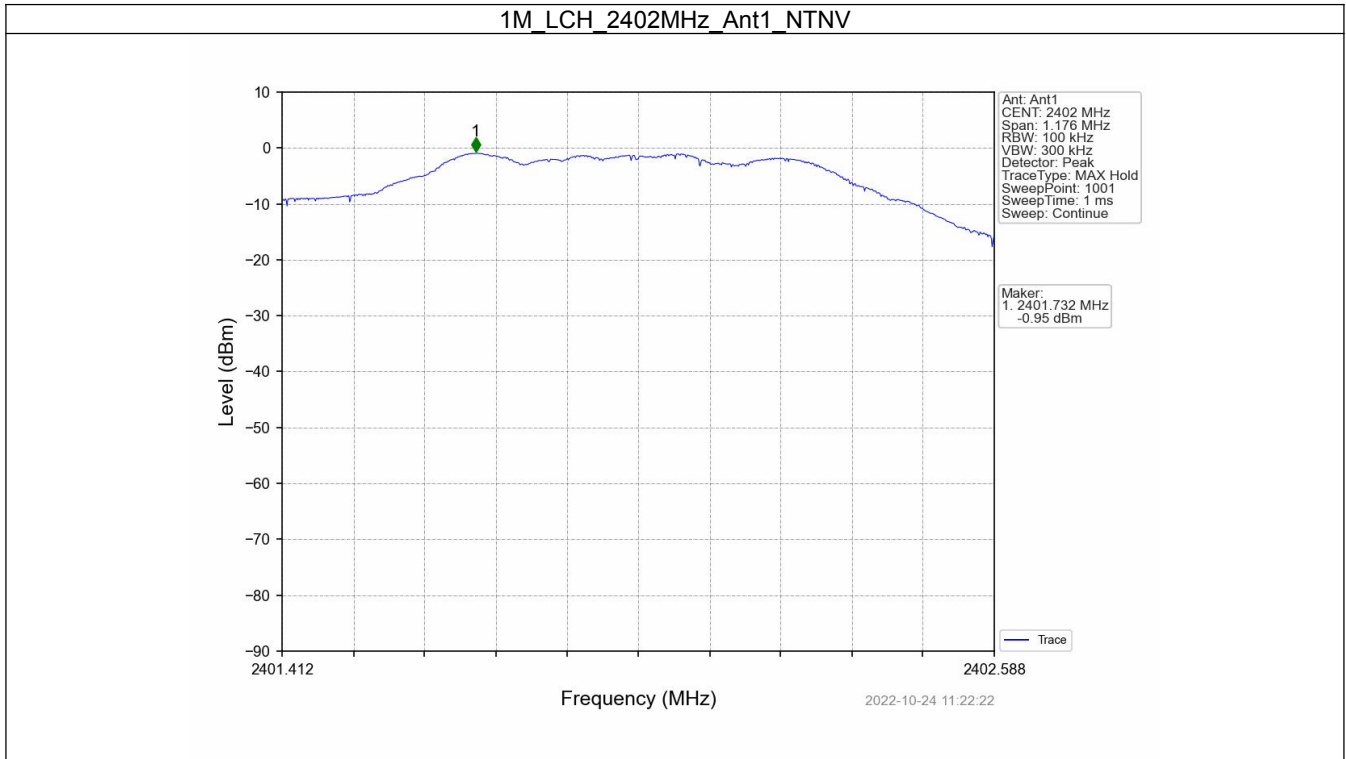
### 4.1 Ref

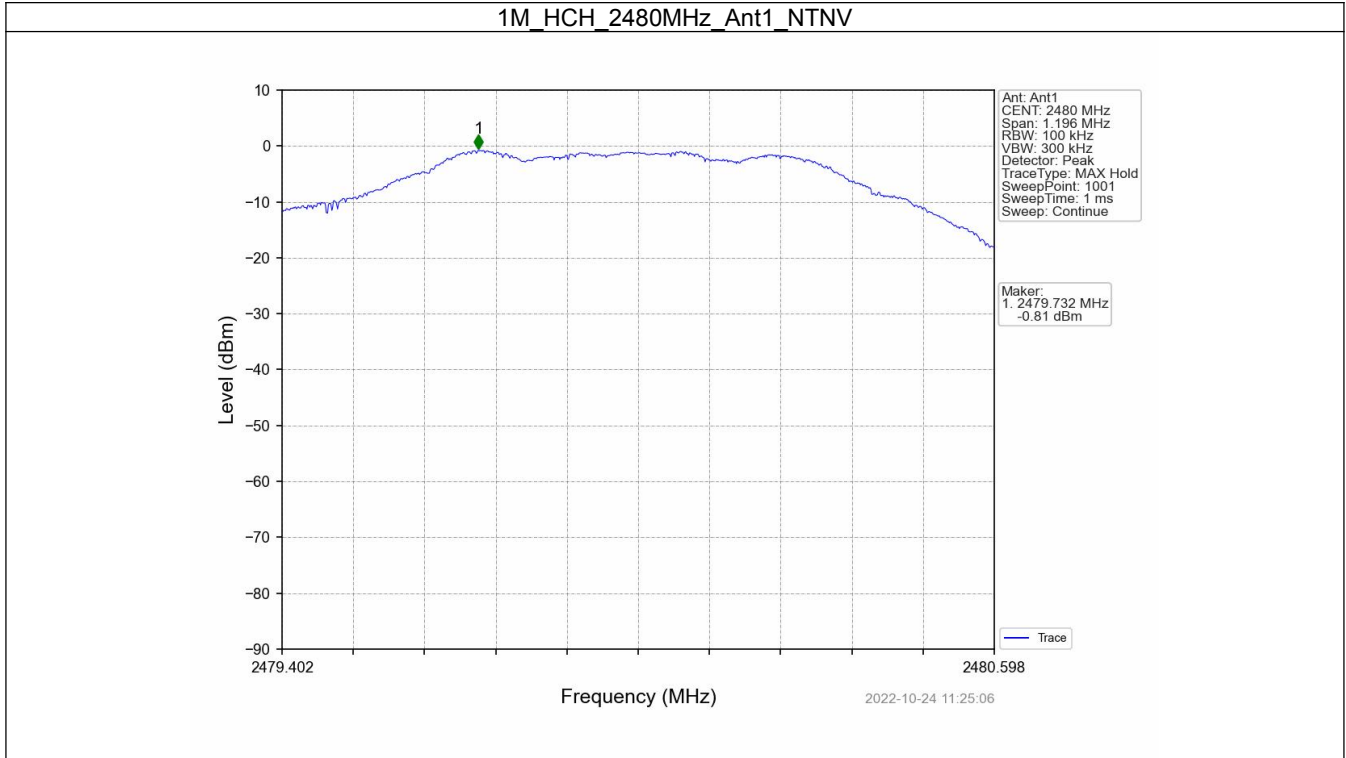
#### 4.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M   | SISO    | 2402            | 1   | -0.95                    |
|      |         | 2440            | 1   | -0.99                    |
|      |         | 2480            | 1   | <b>-0.81</b>             |

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

4.1.2 Test Graph





## 4.2 CSE

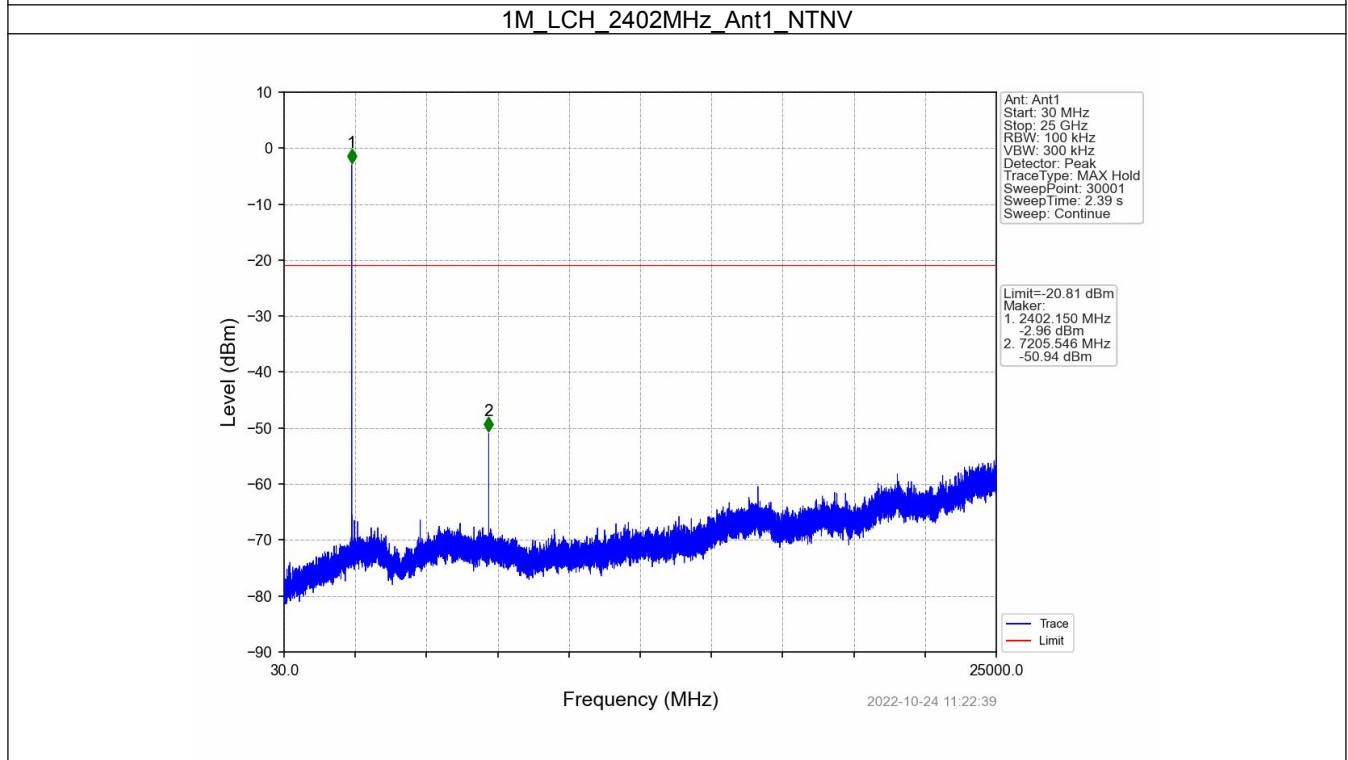
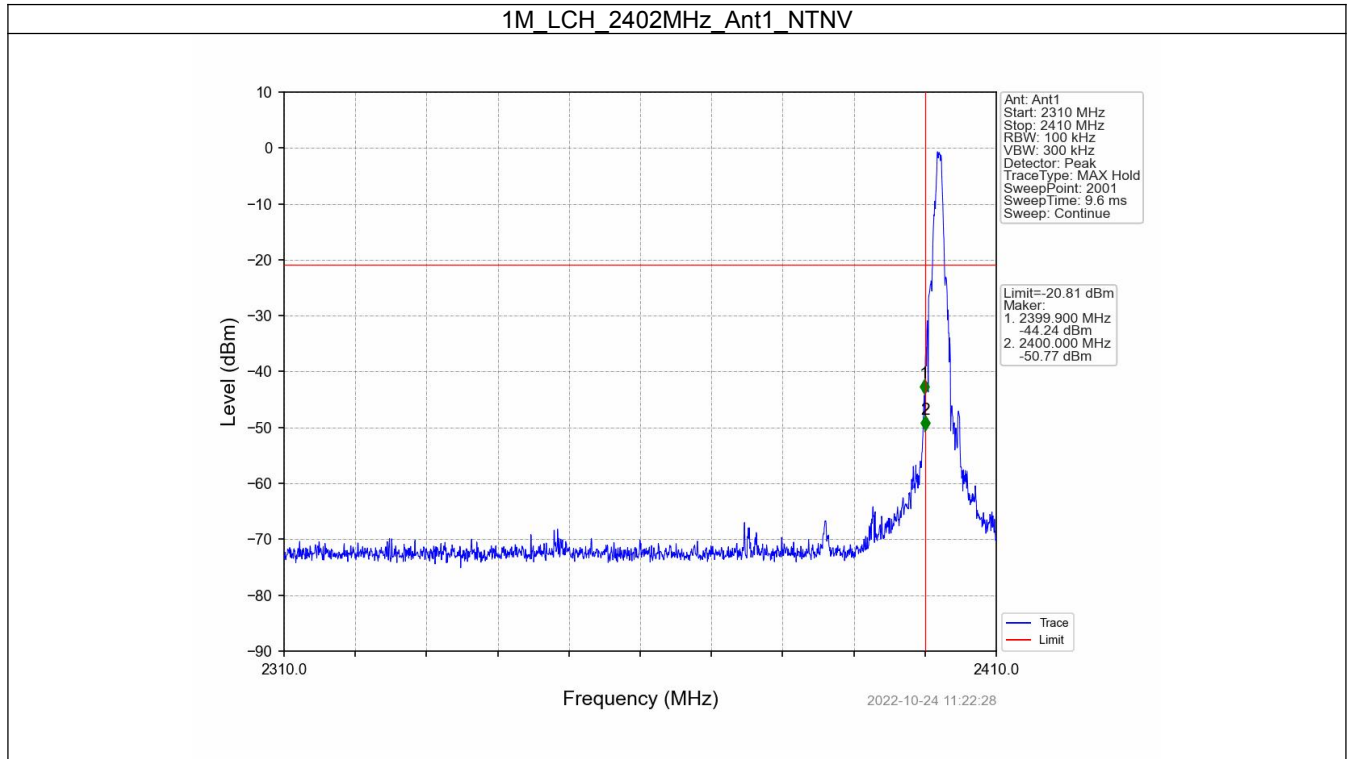
## 4.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M   | SISO    | 2402            | 1   | -0.81                    | -20.81      | Pass    |
|      |         | 2440            | 1   | -0.81                    | -20.81      | Pass    |
|      |         | 2480            | 1   | -0.81                    | -20.81      | Pass    |

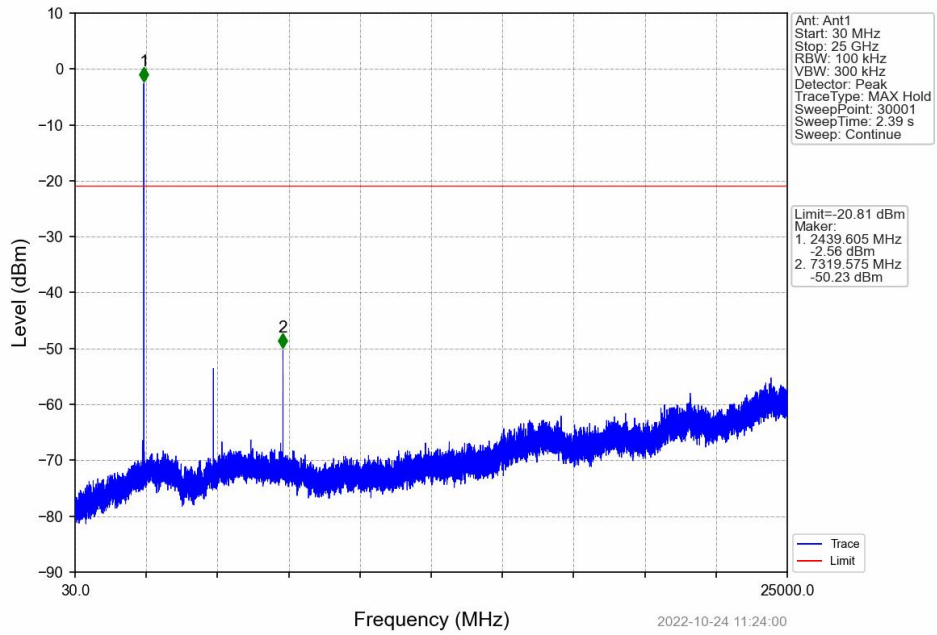
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



5.2.2 Test Graph



1M\_MCH\_2440MHz\_Ant1\_NTNV



1M\_HCH\_2480MHz\_Ant1\_NTNV

